

1/1 - (C) FILE CAPLUS  
 AN - 1974:419305 CAPLUS  
 DN - 81:19305  
 TI - Light-sensitive composition for reproduction  
 IN - Bleha, Miroslav; Plichta, Zdenek; Votavova, Eva  
 SO - Czech., 3 pp.  
 CODEN: CZXXA9  
 DT - Patent  
 LA - Czech  
 IC - G03F  
 CC - 74-8 (Radiation Chemistry, Photochemistry, and Photographic Processes)  
 FAN. CNT 1

XP-002225925

P. 1-2 = 2
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	CS150885	B	19730917	CS 1971-9097	19711230
GI	For diagram(s), see printed CA Issue.				
AB	The title compn. consists of a light-sensitive azo compd. and a diazo stabilizer (I; R1 = alkyl; R2 = H, 4-tolyl) in a vinyl copolymer film. The presence of I in the film improves its thermal stability and resistance to air oxidn. Thus, triethylene glycol diacrylate in presence of 1 wt. % of 1-(4-vinylphenyl)-3-ethyl-3-phenyltriazene and 0.2 wt. % of 2,4,4-trimethyl-2-phenylazovaleronitrile was polymd. to 0.1 mm layer in the absence of air, exposed to 40-W Hg lamp radiation at 5 cm for 2 min through a neg. mask, and developed with ether to give a relief image.				
ST	photosensitive azo compn photoduplication; diazo stabilizer azo photoduplication				
IT	Photoduplication				
IT	25101-18-2	25101-30-8	25101-31-9	32535-62-9	
	RL: USES (Uses)				
	(light-sensitive compns. contg. azo compds. and vinyl copolymers)				
IT	18120-72-4	53035-18-0	53035-19-1	53035-20-4	
	RL: USES (Uses)				
	(light-sensitive compns. contg. vinyl copolymers and, for photoduplication)				

1/1 - (C) FILE REGISTRY  
RN - 53035-18-0 REGISTRY  
CN - 1-Triazene, 1-(4-ethenylphenyl)-3-ethyl-3-phenyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN - 1-(4-Vinylphenyl)-3-ethyl-3-phenyltriazene  
FS - 3D CONCORD  
MF - C16 H17 N3  
LC - STN Files: CA, CAPLUS

1/1 - (C) FILE REGISTRY  
RN - 53035-19-1 REGISTRY  
CN - 1-Triazene, 1-(4-ethenylphenyl)-3-methyl-3-phenyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN - 1-(4-Vinylphenyl)-3-methyl-3-phenyltriazene  
FS - 3D CONCORD  
MF - C15 H15 N3  
LC - STN Files: CA, CAPLUS

1/1 - (C) FILE REGISTRY  
RN - 53035-20-4 REGISTRY  
CN - 1-Triazene, 1-(4-ethenylphenyl)-3-methyl-3-(4-methylphenyl)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN - 1-(4-Vinylphenyl)-3-methyl-3-(4-tolyl)triazene  
FS - 3D CONCORD  
MF - C16 H17 N3  
LC - STN Files: CA, CAPLUS